

Q1

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```
library(knitr)
library(twitter)
consumer_key = "dOLrbyfXjbDo7f7IZ3MFFDF4E"
consumer_secret = "GKbWkDANMboESv0YwvSSZKWivvbIyEzhzZxroDIODY1thrK0Gz"
access_token = "1050995496381120513-8E1z4xtsUYmNTjTRZCRLN4WYMkJjyZ"
access_secret = "bAGtoWn9wR0EUKPybvr7yhK0FFaFJNRviV2LINV06pgRp"
setup_twitter_oauth(consumer_key, consumer_secret,
access_token, access_secret)
```

```
## [1] "Using direct authentication"
```

a.

```
JS = userTimeline("theJagmeetSingh", n=3200, includeRts = TRUE)
JS = twListToDF(JS)
nrow(JS)
```

```
## [1] 3199
```

b.

```
range(JS$created)
```

```
## [1] "2017-07-05 03:44:38 UTC" "2019-03-11 21:25:00 UTC"
```

c.

```
par(mar=c(9,4,3,3))
statusSource=unlist(gsub("<.*?>", "", JS$statusSource))
barplot(sort(table(statusSource), decreasing = TRUE), las=2, main = "Top platforms to send
tweets @theJagmeetSing")
```

Top platforms to send tweets @theJagmeetSing

